

CLAIMS

What is claimed is:

A1
1. A method for identifying a context for a call, said method comprising:

detecting a call request for a call; and

requesting a context for said call, wherein said context indicates whether an on behalf of action is invoked for said call.

2. The method for identifying a context for a call according to claim 1, wherein said on behalf of action indicates that a caller identified for placing said call is calling on behalf of another party.

3. The method for identifying a context for a call according to claim 1, wherein said on behalf of action indicates that a callee identified as a recipient of said call is answering said call on behalf of another party.

4. The method for identifying a context for a call according to claim 1, further comprising:

transferring said context for said call to at least one party to said call.

5. A system for identifying a context for a call, said system comprising:

a trusted telephone network;

means for detecting a call request for a call at said trusted telephone network ; and

means for requesting a context for said call, wherein said context indicates whether an on behalf of action is invoked for said call.

6. The system for identifying a context for a call according to claim 5, wherein said on behalf of action indicates that a caller identified for placing said call is calling on behalf of another party.

7. The system for identifying a context for a call according to claim 5, wherein said on behalf of action indicates that a callee identified as a recipient of said call is answering said call on behalf of another party.

8. The system for identifying a context for a call according to claim 5, further comprising:

means for transferring said context for said call to at least one party to said call.

9. A computer program product for identifying a context for a call, said computer program product comprising:

a recording medium;

means, recorded on said recording medium, for detecting a call request for a call; and

means, recorded on said recording medium, for requesting a context for said call, wherein said context indicates whether an on behalf of action is invoked for said call.

A1 10. The computer program product for identifying a context for a call according to claim 9, further comprising:

means, recorded on said recording medium, for transferring said context for said call to at least one party to said call.

11. A method for determining a call context, comprising:

receiving a call context request for a call;

analyzing call context information associated with at least one from among a caller and a callee associated with said call; and

inferring that an on behalf of action is invoked for said call from call context information.

12. A system for determining a call context, comprising:

a context inference server communicatively connected to a telephone network;

means for receiving a call context request for a call at said context inference server;

means for analyzing call context information associated with at least one from among a caller and a callee associated with said call; and

100-333-333-333

a context inference server communicatively connected to a telephone network;

means for detecting a call between at least two parties,
wherein said call is processed by said telephone network;

means for detecting an on behalf of action invoked for said
call; and

means for informing at least one party to said call that
said on behalf of action is invoked.

16. A computer program product for identifying parties to a call
comprising:

a recording medium;

means, recorded on said recording medium, for enabling
detection of a call between at least two parties;

means, recorded on said recording medium, for determining an
on behalf of action invoked for said call; and

means, recorded on said recording medium, for informing at
least one party to said call that said on behalf of action is
invoked.

17. A method for determining a call context, comprising:

receiving a call context request for a call;

analyzing call context information associated with said
call; and

determining whether an on behalf of action is invoked for

FOOTNOTES

said call from said call context information.

18. The method for determining a call context according to claim 17, wherein said call context information comprises at least one from among, identifiers for said at least two parties, profiles associated with said at least two parties, and profiles associated with subscribers of line numbers associated with said call.

19. The method for determining a call context according to claim 17, wherein determining whether an on behalf action is invoked further comprises:

detecting a request for said on behalf action by at least one party to said call.

20. The method for determining a call context according to claim 17, wherein determining whether an on behalf action is invoked further comprises:

detecting an automatic authorization for said on behalf of action by an on behalf party to said call.

21. The method for determining a call context according to claim 17, wherein determining whether an on behalf action is invoked further comprises:

inferring said on behalf action from said call context information.

22. The method for determining a call context according to claim 17, further comprising:

contacting an on behalf of party for authorization of said on behalf of action.

23. The method for determining a call context according to claim 22, further comprising:

paging said on behalf of party within a paging radius of a private network system; and

responsive to detecting an identifier for said on behalf of party at a telephony device within a private network system, requesting authorization of said on behalf of action at said telephony device.

24. The method for determining a call context according to claim 22, further comprising:

querying at least one line number for said on behalf of party; and

responsive to locating said on behalf of party via a particular line number, requesting authorization of said on behalf of action via said particular line number.

25. The method for determining a call context according to claim 17, further comprising:

accessing on behalf of filtering preferences; and

filtering said on behalf of action in said call context according to said filtering preferences.

26. The method for determining a call context according to claim

TOP SECRET

25, wherein said on behalf of filtering preferences are accessed for an on behalf of party.

A1
27. The method for determining a call context according to claim 25, wherein said on behalf of filtering preferences are accessed for a party invoking said on behalf of action.

28. The method for determining a call context according to claim 25, wherein said filtering preferences specify parties enabled to invoke said on behalf of action for said call.

29. The method for determining a call context according to claim 25, wherein said filtering preferences specify parties enabled to receive said call context.

30. The method for determining a call context according to claim 25, wherein said filtering preferences specify parties blocked from invoking said on behalf of action for said call.

31. A system for determining a call context, comprising:

a context inference server communicatively connected to a telephone network;

means for receiving a call context request for a call at said context inference server;

means for analyzing call context information associated with said call; and

means for determining whether an on behalf of action is invoked for said call from said call context information.

FOOTNOTES

32. The system for determining a call context according to claim 31, wherein said call context information comprises at least one from among, identifiers for said at least two parties, profiles associated with said at least two parties, and profiles associated with subscribers of line numbers associated with said call.

33. The system for determining a call context according to claim 31, wherein said means for determining whether an on behalf action is invoked further comprises:

means for detecting a request for said on behalf action by at least one party to said call.

34. The system for determining a call context according to claim 31, wherein said means for determining whether an on behalf action is invoked further comprises:

means for detecting an automatic authorization for said on behalf of action by an on behalf party to said call.

35. The system for determining a call context according to claim 31, wherein said means for determining whether an on behalf action is invoked further comprises:

means for inferring said on behalf action from said call context information.

36. The system for determining a call context according to claim 31, further comprising:

means for contacting an on behalf of party for authorization of said on behalf of action.

10054354200T

~~means for paging said on behalf of party within a paging radius of a private network system; and~~

means responsive to detecting an identifier for said on behalf of party at a telephony device within a private network system, for requesting authorization of said on behalf of action at said telephony device.

38. The system for determining a call context according to claim
36, further comprising:

means for querying at least one line number for said on
behalf of party; and

means responsive to locating said on behalf of party via a particular line number, for requesting authorization of said on behalf of action via said particular line number.

39. The system for determining a call context according to claim
31, further comprising:

means for accessing on behalf of filtering preferences; and

means for filtering said on behalf of action in said call context according to said filtering preferences.

40. The system for determining a call context according to claim 39, wherein said on behalf of filtering preferences are accessed for an on behalf of party.

41. The system for determining a call context according to claim 39, wherein said on behalf of filtering preferences are accessed for a party invoking said on behalf of action.

42. The system for determining a call context according to claim 39, wherein said filtering preferences specify parties enabled to invoke said on behalf of action for said call.

43. The system for determining a call context according to claim 39, wherein said filtering preferences specify parties enabled to receive said call context.

44. The system for determining a call context according to claim 39, wherein said filtering preferences specify parties blocked from invoking said on behalf of action for said call.

45. A computer program product for determining a call context, comprising:

a recording medium;

means, recorded on said recording medium, for enabling receipt of a call context request for a call;

means, recorded on said recording medium, for analyzing call context information associated with said call; and

means, recorded on said recording medium, for determining whether an on behalf of action is invoked for said call from said call context information.

46. The computer program product for determining a call context

1002158-124701

according to claim 45, further comprising:

means, recorded on said recording medium, for detecting a request for said on behalf action by at least one party to said call.

47. The computer program product for determining a call context according to claim 45, further comprising:

means, recorded on said recording medium, for detecting an automatic authorization for said on behalf of action by an on behalf party to said call.

48. The computer program product for determining a call context according to claim 45, further comprising:

means, recorded on said recording medium, for inferring said on behalf action from said call context information.

49. The computer program product for determining a call context according to claim 45, further comprising:

means, recorded on said recording medium, for accessing on behalf of filtering preferences; and

means, recorded on said recording medium, for filtering said on behalf of action in said call context according to said filtering preferences.

50. A method for controlling a telephony device, comprising:

graphically displaying at least one on behalf of party authorized for a party utilizing a telephony device; and

A1

10023158.131701

A1

[illegible]

authenticating an identity of said party; and

52. The method for controlling a telephony device according to claim 50, wherein said selection from among said at least one on behalf of party comprises a single on behalf of party.

53. The method for controlling a telephony device according to claim 50, wherein said selection from among said at least one on behalf of party comprises a plurality of on behalf of parties.

54. The system for controlling a telephony device according to claim 50, further comprising:

graphically displaying authorization parameters selected by said at least one on behalf of party.